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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/987,870	11/16/2001	Nancy Ann Book	P21172	7783
7055 7:	590 01/20/2004		EXAMINER	
GREENBLUM & BERNSTEIN, P.L.C. 1950 ROLAND CLARKE PLACE			NGUYEN, QUYNH H	
RESTON, VA			ART UNIT PAPER NUMBER	
•			2642	1
			DATE MAILED: 01/20/2004	/

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)	
	09/987,870	BOOK ET AL.	
Office Action Summary	Examiner	Art Unit	
	Quynh H Nguyen	2642	
The MAILING DATE of this communication appeariod for Reply	pears on the cover shee	t with the correspondence address	
A SHORTENED STATUTORY PERIOD FOR REPL THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1. after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a rep - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statute - Any reply received by the Office later than three months after the mailin earned patent term adjustment. See 37 CFR 1.704(b).  Status	136(a). In no event, however, many within the statutory minimum o will apply and will expire SIX (6) e, cause the application to become	ay a reply be timely filed  f thirty (30) days will be considered timely.  MONTHS from the mailing date of this communicate  ABANDONED (35 U.S.C. § 133).	ation.
1) Responsive to communication(s) filed on 16 N	lovember 2001.		
2a) This action is <b>FINAL</b> . 2b) ⊠ This	action is non-final.		
3) Since this application is in condition for allowards closed in accordance with the practice under a secondary condition.			s is
Disposition of Claims			
<ul> <li>4)  Claim(s) 1-26 is/are pending in the application 4a) Of the above claim(s) is/are withdra</li> <li>5)  Claim(s) is/are allowed.</li> <li>6)  Claim(s) 1-26 is/are rejected.</li> <li>7)  Claim(s) is/are objected to.</li> <li>8)  Claim(s) are subject to restriction and/o</li> </ul>	wn from consideration.		
Application Papers			
9) The specification is objected to by the Examine 10) The drawing(s) filed on is/are: a) acc Applicant may not request that any objection to the Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the E	cepted or b) objected or b) objected or b) objected or b) objection is required if the draw	eyance. See 37 CFR 1.85(a). ving(s) is objected to. See 37 CFR 1.12	, ,
Priority under 35 U.S.C. §§ 119 and 120			
12) Acknowledgment is made of a claim for foreignal All b) Some * c) None of:  1. Certified copies of the priority document 2. Certified copies of the priority documents. Copies of the certified copies of the priority documents. See the attached detailed Office action for a list since a specific reference was included in the first 37 CFR 1.78.  a) The translation of the foreign language profile. Acknowledgment is made of a claim for domest since a specific reference was included in the first sentence of the foreign language profile.	ts have been received. ts have been received in the prity documents have been used in the certified copies the priority under 35 U.S. The sentence of the spectovisional application hat the priority under 35 U.S.	in Application No een received in this National Stage not received. c.C. § 119(e) (to a provisional application or in an Application Data States been received. c.C. §§ 120 and/or 121 since a special	cation) Sheet. cific
Attachment(s)			
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) 5	5) Notice	ew Summary (PTO-413) Paper No(s) of Informal Patent Application (PTO-152)	

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## **DETAILED ACTION**

## Claim Rejections - 35 USC § 103

- 1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
  - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 2. Claims 1-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over McKinley, Jr. et al. (U.S. Patent 6,665,377) in view of Yue et al. (U.S. Patent 5,764,747) and further in view of Wheeler Jr. et al. (U.S. Patent 5,583,920).

Regarding claim 1, McKinley, Jr. et al. teach the steps of: receiving call data relating to a call to a subscriber at a telephone number associated with the subscriber terminal (Fig. 1, 110), the call data comprising the subscriber telephone number ("called party's information identified" - col. 2, lines 34-60); the calling party is prompted to select one of leaving a voice message, paging the subscriber and connecting the call to the subscriber terminal (col. 8, lines 8-11); after the calling party chooses an option, completes the call accordingly using any one of the traditionally known methods (col. 8, lines 11-14). However, McKinley, Jr. et al. do not teach the detail steps of what happen? when the calling party selects leaving a voice message, paging the subscriber, and connecting the call to the subscriber.

Yue et al. teach route the call to voice mail system (Fig. 3A, 54 and col. 11, lines 13-16); when the calling party selects paging a subscriber, receiving call back

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information (Fig. 3C, 56), disconnecting the call and placing a second call to a paging system that initiates a page to the subscriber (Fig. 3C, 55 and col. 11, lines 17-27). However, Yue et al. do not teach the detail steps of the calling party selects connection the call to the subscriber terminal.

Wheeler, Jr. et al. teach the caller is required to input a personal identification number (col. 31, lines 30-35 - PIN), when the PIN is authorized, connecting the call to the subscriber, if not connecting the call to the voice mail system (col. 32, lines 3-12).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the mentioned above features as taught by Yue et al. and Wheeler, Jr. et al., in McKinley, Jr. et al.'s system, in order to provide subscriber the better service that enables the subscriber to receive message left by the calling party in voice mail at the subscriber's convenience.

Regarding claims 2 and 10, Wheeler, Jr. et al. do not teach storing the activation time period comprising start and stop times; determining whether a time of the call is within at least one activation time period; and when the time of the call is not within the activation time period, connecting the call to the subscriber. It would have been obvious to one of ordinary skill in the art that when the subscriber's service on off or not within the activation time period then connect the call to the subscriber, for example, the called party is not subscribed for the service. There are references that teach the mentioned above features such Brennañ et al. (U.S. Patent 5,329,578) teach subscriber's schedule (col. 7, Table 4.0) to determine what action the system should take with the call when

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the caller is normally allowed to reach the subscriber within certain time period, otherwise send the caller to voice messaging system.

Regarding claims 3, 4, 6, 12, 13, and 18, Wheeler, Jr. et al. teach if the PIN is not authorized, execute a voice mailbox of the called party (col. 32, lines 5-7). It would have been obvious to one of ordinary skill in the art to modify the system to connect the call to the voice system when no response to the querying the calling party selects leaving a voice message, paging the subscriber, and connecting the call to the subscriber received, and treating a no response to the querying the calling party to enter the PIN the same as unauthorized PIN response.

Claims 5, 7, and 16 are rejected for the same reasons as discussed above with respect to claims 1 and 2. Furthermore, Wheeler, Jr. et al. teach suspending at a terminating switch (Fig. 1A, 17), the SCP 43, and the intelligent peripheral (IP 35, 37).

Claims 8 and 9 are rejected for the same reasons as discussed above with respect to claims 1 and 5.

Claims 11, 14, 17, and 22 are rejected for the same reasons as discussed above with respect to claim 2. Furthermore, Wheeler, Jr. et al. teach a service management system SMS 41, connectable to the SCP 43, and the ISCP includes a terminal subsystem referred to as a SCE 42.

Claim 15 is rejected for the same reasons as discussed above with respect to claims 1, 5, and 8.

Claims 19-21 are rejected for the same reasons as discussed above with respect to claims 1, 2, and 11.

Claims 23-26 are rejected for the same reasons as discussed above with respect to claims 1-4. Furthermore, McKinley, Jr. et al. teach a computer readable medium for storing a computer program (Fig. 2, processor, and memory is configured to store instructions to direct the processor to act in accordance with the program code).

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quynh H. Nguyen whose telephone number is 703-305-5451. The examiner can normally be reached on Monday - Thursday from 6:30 A.M. to 5:00 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on (703) 305-4731. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4700.

qhn

Quynh H. Nguyen January 8, 2004 AHMAD MATAR
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600